

**BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date: February 15, 2006

Division: Wastewater

Bulk Item: Yes ☐ No ☒

Department: Wastewater

Staff Contact Person: David S. Koppel, PE
County Engineer

AGENDA ITEM WORDING: Discussion of scope of services for development of Big Coppitt wastewater treatment plant cost comparison.

ITEM BACKGROUND: See attached.

PREVIOUS RELEVANT BOCC ACTION: At the January 25th Special Meeting, the BOCC directed Staff to submit recommendations for treatment of wastewater from the Big Coppitt sewer area to an independent peer review.

CONTRACT/AGREEMENT CHANGES: N/A

STAFF RECOMMENDATIONS:

TOTAL COST: -0-

BUDGETED: Yes ☐ No ☐

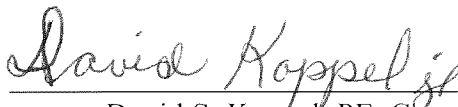
COST TO COUNTY: -0-

SOURCE OF FUNDS: _____

REVENUE PRODUCING: Yes ☐ No ☐ **AMOUNT PER MONTH** _____ **Year** _____

APPROVED BY: County Atty _____ OMB/Purchasing _____ Risk Management _____

DIVISION DIRECTOR APPROVAL:



David S. Koppel, PE, County Engineer

DOCUMENTATION: Included ☒ Not Required ☐

DISPOSITION: _____

AGENDA ITEM # _____

Big Coppitt Key Service Area Wastewater Treatment Background

Several options exist to treat wastewater for this area. These options include:

1. Construct new wastewater treatment plant on Rockland Key. Monroe County has already purchased land for a Public Works Complex and this land can also house a wastewater treatment plant. This option will likely be less expensive to construct but more expensive to operate, thereby resulting in higher monthly costs to property owners.
2. Construct a new transmission line to the KW Resort Utility (KWRU) wastewater treatment plant on Stock Island and have FKAA be a customer of KWRU. The plant would have to be expanded and upgraded to meet advanced wastewater treatment (AWT) standards. This option would likely cost more to construct than Option 1, but would yield lower monthly costs. Operation of one wastewater treatment plant would be less expensive than operating two.
3. Construct a new transmission line to the KWRU wastewater treatment plant on Stock Island and have FKAA purchase said plant. The cost of this option depends on the purchase price of the plant. If an agreeable purchase price cannot be reached, eminent domain can be pursued. The plant would have to be expanded and upgraded to meet AWT standards. If FKAA owns the plant, then a more uniform cost can be shared between all users.